

Amendment
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AMENDMENTS TO THE CLAIMS

1. (Currently amended) A composition capable of inducing apoptosis or necrosis in cancer cells, comprising:
 - a dithiocarbamate compound;
 - a metal cation selected from the group consisting of Zn^{++} and Cu^{++} ;
 - a modulator of cellular glutathione effective to decrease cellular glutathione levels,
wherein the modulator of cellular glutathione is selected from the group consisting of ethacrynic acid, L-buthionine-S,R-sulfoximine, diethylmaleate, 2-cyclohexene-1-one, and 1-chloro-2,4-dinitrobenzene; and
dimethylethanolamine.
2. (Currently amended) The composition of claim 1, wherein the dithiocarbamate compound has the formula:
$$(R_1)(R_2)N-C(=S)-S-Y,$$

wherein R_1 and R_2 may be independently selected from the group consisting of hydrogen, C1-C24 straight, branched, or cyclic alkyl, alkenyl, aryl, acyl, alkaryl, aralkyl, and alkoxy groups, optionally substituted with ester, ether, halogen, sulfate, hydroxy, or phosphate groups, and wherein R_1 and R_2 may be optionally connected via a bridge comprising $-(CH_2)_n-$, wherein n is 3-8, and wherein said bridge may be optionally substituted independently on any of the carbon atoms with C1-C10 straight, branched, or cyclic alkyl, aryl, ~~alkyl~~ aralkyl, or alkaryl groups, each of said groups optionally substituted with hydroxy, halo, phosphate, sulfate, or sulfonate groups; and

wherein Y is chosen from the group consisting of hydrogen, a pharmaceutically acceptable cation, a physiologically cleavable leaving group, a targeting moiety, and a chemotherapeutic drug.
3. (Previously presented) The composition of claim 1, wherein the dithiocarbamate compound is selected from the group consisting of: diethyldithiocarbamate; tetraethylthiuram disulfide; and pyrrolidinedithiocarbamate.

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